

M.T

M.R.O. 1-77,006-8-6-37.

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	1246	Press Mis.
Dated	8-5	1865.

Not to be folded or roughly handled

12

*Proceedings of the Madras Government, Public Works Department,
8th May 1865.*

No. 164. Read the following Proceedings of the Madras Government in the
Revenue Department:—

Calling for a plan and estimate for an }
Iron bridge over Cochrane's Canal to } (Here enter 3rd May 1865, No. 900.)
connect the old and new Salt Platforms. }

No. 165. ORDER THEREON, 8th May 1865, No. 1,246.

CIVIL WORKS, No. 23.

Communicated to the Superintending Engineer, 4th Division, who will be requested to submit the plan and estimate required.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 4th Division.

Ed. T. O'Connor.

CHAPTER X.

ACCIDENTS TO WORKMEN.

1. Officers in charge of public works shall take every possible precaution for the prevention of accidents among the people employed on the works, and shall compel them to take the proper means for sheltering themselves from the consequences of possible accidents.

Precautions to be taken.

2. In blasting operations, no man shall be employed to fire the charges, who has not been an assistant in similar operations for some time.

In blasting operations.

3. In excavations, whether to obtain gravel, or for other purposes, no pit shall be carried to a depth greater than is absolutely necessary. Care must be taken that the sides of the excavation are either sloped, or cut in steps; and that a berm of sufficient width is left between the edge and the heaped debris.

In excavations.

4. The Officer in charge of a public work shall make an immediate report to the Civil authorities, and to the Police, on the occurrence of any accident, causing injury to life or limb, among the people employed by him. In the case of death, whether on the spot, or in hospital, the body shall not be removed until an Inquest has been held.

Accidents to be reported to Civil authorities.

5. To prevent delay, it shall be the duty of every member of the Department to acquaint himself with the designation and place of abode of the nearest Official competent to hold an Inquest.

Abode to be ascertained of Official competent to hold Inquest.

6. An immediate report, containing full details and particulars, shall also be made, through the District Engineer, to the Deputy Chief Engineer of the Circle; to whom the proceedings and the verdict of the Court of Inquest shall, as a matter of course, be communicated.

Immediate report to be made to Deputy Chief Engineer.

7. The following rules shall be observed in cases of application for gratuities to the families of lascars, coolies, and other workmen in the service of Government, who may happen to be killed, or to die in consequence of wounds, or accidents, sustained in the execution of their public duties:—

Application for gratuities to families of persons killed.

I. No application for a gratuity shall be received from the family of a deceased workman, unless he died within six months from the date on which the wound, or the accident which is supposed to have caused his death, was received.

II. Applications shall be confined to cases in which the deceased may have left a parent, widow, or legitimate offspring, dependent on him for support. If there are two or more survivors within these degrees of relationship, the claims of each shall be investigated, and preference accorded as follows:—son,—widow,—daughter,—father,—mother.

III. All claims shall be subjected to a regular inquiry by the local head of the Department in which the deceased was employed.

IV. The claimants shall appear personally before the said Officer: and witnesses (unconnected with the claimants, if possible,) shall be examined in attestation of the validity of the claim. When the evidence of relatives or connections is taken, a note to that effect shall be entered upon the proceedings; and in all cases, the witnesses shall be warned to confine their evidence to circumstances within their own knowledge, and be made to understand that they will be liable to trial and punishment in the event of their evidence proving false.

V. The proceedings shall be drawn up in Form No. 28, and shall contain a concise but full record of the evidence by which every claim is supported, the designation and duties of the deceased, the nature of the accident or injury which caused his death, and the precise degree of relationship and condition of the person or persons claiming the bounty of Government in consequence.

VI. The gratuity admissible under these rules shall be regulated according to the duties of the deceased, the circumstances attending his death, and the condition and prospects of his surviving relative or relatives. The maximum limit shall be six months' pay.

P. M. 153/165

Printed by the Government of India, 1864.

CHAPTER XI. REVENUE AUTHORITIES.

BOARD OF REVENUE.

Correspond with the Chief Engineer or Deputy Chief Engineer, will express opinion on all important projects and furnish all information in their power.

1. The Board of Revenue will, when necessary, correspond with the Chief Engineer, either direct, or through his Deputies, on all subjects connected with public works, or on questions which relate to the improvement, or the general interests, of the country. The Board of Revenue will give their opinion on all important projects which may be submitted to them by the Chief Engineer; and they will furnish him, on application, with all the information on subjects connected with his Department which may be in their power.

COLLECTOR.

Authority of Collector

2. The Collector shall have an authoritative voice on all questions connected with Public Works in his District in the Revenue Department except on professional and Departmental points. This rule shall include the choice of works to be undertaken whether new works or repairs, the distribution of the funds allotted to the District whether general or local funds (so far as the distribution is left to Local Officers) the relative importance of works, and other such matters of administration.

Is the official authority on effect of works as to revenue, &c.

3. The Collector, as the guardian of the revenue, shall be the official authority on the probable effect of every proposed work, with regard both to the revenue, and to the general interests of Government and of the people.

May correspond with any member of Department Public Works in his District.

4. The Collector will correspond, at his discretion, with any member of the Public Works Department employed in his District; and he will bring to the notice of the District Engineer any case in which a member of the Department shall fail to afford him information and assistance, as far as possible.

May correspond with Chief Engineer or Deputy Chief Engineer of Circle.

5. The Collector will, at his discretion, correspond with the Deputy Chief Engineer of the Circle, in any case in which he may deem it necessary; and it will be his duty to furnish either of these Officers, or the District Engineer, with any information on subjects connected with the Public Works Department, which he may be in a position to supply.

Usually shall address Government regarding public works through the Chief Engineer.

6. As a general rule, the Collector shall address Government on any matter connected with public works, through the Chief Engineer; but he may address Government direct on such subjects whenever he may see occasion.

Co-operation of Collector and District Engineer, essential.

7. A cordial understanding and co-operation between the Collector and the District Engineer shall be considered essential to the interests both of the public service and of the people: and any instance of a different feeling or conduct, on either side, will incur the serious displeasure of Government.

Collector's notice of loss of revenue from neglect to repair.

8. The Collector will make known to the District Engineer, or to any one of his Subordinates specially concerned, any case which may have come to his notice, in which the neglect to repair a work has caused, or threatens a diminution of the public revenue. Should the necessary steps not be taken for the timely repair, or protection, of the work, the Collector will bring the subject to the notice of higher authority.

Responsibility of Ryots to perform works of conservancy and repair.

9. Whenever Ryots or villagers fail to perform the usual minor works of conservancy and repair, it will be the duty of the Collector to enforce their legal obligation in this respect; and to be careful that no remission is granted for losses caused by such neglect on the part of the Ryots.

Suggestion and opinion of Collector regarding all projects.

10. The Collector shall have power to call the attention of the District Engineer to any particular project to be undertaken or any works needing repair; and to make suggestions respecting works projected or under execution, and such requisition. and suggestions shall receive due attention from the District Engineer, the Collector shall also have the right of declaring his opinion on the merits of every project, which may not have originated with himself, for improving the irrigation or the means of communication in his District.

SUB-COLLECTORS, ASSISTANTS AND DEPUTY COLLECTORS.

11. The powers of the Collector to sanction the execution of works are detailed in Chapter XXIV.

Collector's power to sanction expenditure.

12. All Estimates for works of irrigation, and communication, and for revenue buildings, whether for new works or repairs, must be countersigned by the Collector. In countersigning an Estimate, the Collector shall be held to signify only his approval of the general objects of the work; and he shall not thereby become in any degree responsible for the design or the details: should he refuse to countersign any Estimate, he shall explain his reasons for so doing.

Collector's responsibility in countersigning Estimates.

13. The Collector shall receive a copy of the monthly Progress Report of the District Engineer; and he may address observations thereon to the District Engineer, Chief Engineer, or Board of Revenue, at his discretion.

Collector to receive copy of District Engineer's Progress Report.

14. When fuel is required for public works, it shall be the duty of the Collector, on application from the District Engineer, to point out any place in which Government timber may be felled. The Collector will also give timely notice to the District Engineer of any public sale of Government timber about to take place.

Collector's assistance in obtaining fuel.

15. The Collector shall afford every possible assistance to the members of the Department in the conveyance of money for public purposes: and, on application being made, he shall permit their cash chests to be lodged in the Taluq treasuries, for security.

Collector's aid in care and conveyance of public money.

SUB-COLLECTORS, ASSISTANTS AND DEPUTY COLLECTORS.

16. The Sub-Collector, and all Assistant and Deputy Collectors, will, when necessary, correspond with the District Engineer, and with those members of the Public Works Department who may be employed within their respective charges.

Will correspond with District Engineer and all members of the Department within their charges.

17. They will bring forward all cases in which repairs may be required to Public Works; and will suggest projects for those new works and improvements which may seem to them necessary or desirable.

To notice repairs requisite and suggest projects.

18. They will use their utmost endeavours to preserve a good and cordial feeling between the Subordinates of the Revenue and the Public Works Departments.

Shall endeavour to preserve a good feeling between the two Departments.

19. Their powers to sanction expenditure are detailed in Chapter XXIV.

Their powers to sanction expenditure.

INFERIOR REVENUE OFFICERS.

20. The Tahsildars, and all inferior Revenue Officers, will, when necessary, correspond with all members of the Public Works Department who may be employed within their respective Taluqs, or charges. The fullest and most cordial intercourse between the members of the Revenue and the Public Works Departments, of all grades, will best promote the good of the public service.

Shall correspond when necessary with all members of the Department within their charges.

21. The Tahsildars will bring to notice all cases in which repairs may be required to public works; and they will suggest any measures which they may deem likely to promote the interests of their respective taluqs.

To notice repairs requisite, and suggest measures of improvements.

22. The Tahsildars, and all inferior Revenue Officers, shall watch over the safety of the works of irrigation, roads, bridges, and river bunds, during the rainy season, or on the occurrence of floods: and in the absence of any competent member of the Public Works Department, it shall be their duty to take any necessary measure to avert damage, and, if necessary, to repair it under the provision detailed in Chapter XXIV, head, Inferior Revenue Officers.

Power to execute repair in certain cases, and duty in rainy season, &c.

23. In cases of injury, actual or imminent, to tanks or channels, or to river embankments, and such like works, caused by flood or heavy rain, where the safety of property or person may be in danger, Act I of 1858, shall, if necessary, be brought into operation; and the Tahsildar, or other Revenue Officer, shall pursue the course therein laid down, either on the requisition of the Public Works Officer in charge, or in his absence, without any requisition.

Operation of Act I of 1858 in certain cases.

Form of communication between members of the Department Public Works and Tahsildars.

CHAPTER XI.—REVENUE AUTHORITIES.

24. All communications between members of the Public Works Department and Tahsildars, shall be by "Yadast," in the following form: it being understood that when the communication emanates from a member of the Engineer Establishment, the same deference and attention will be paid to his wishes as if they were expressed in the form of an order.

No. of 1859-60.

From

Place and date.

Captain A. B.,
District Engineer of C.

To

M. N.,
Tahsildar of O. Taluq.

The District Engineer requests that the Tahsildar will inform him of the date on which the W. tank was last repaired, and of the sum then spent.

A. B., Captain,
District Engineer.

No. of 1859-60.

From

Place and date.

M. N.,
Tahsildar of O. Taluq.

To

Captain A. B.,
District Engineer of C.

The Tahsildar begs to inform the District Engineer in answer to his request of 15th instant, that the W. tank was last repaired on the and the amount spent was Rupees

M. N.,
Tahsildar of O. Taluq.

Duty of village authorities to enforce performance of minor works of conservancy according to local custom.

25. It shall be the duty of the village authorities throughout the Presidency, to enforce the performance of those minor works of conservancy and repair which are sanctioned by local custom in each District as ascertained and defined by the Collector; and District Engineers shall, invariably, when submitting bills for slight repairs or damages to irrigation works, report by Memoranda attached to such bills the circumstances under which such repairs were not executed at the cost of the Ryots.

The following are some of the most usual of those works:—

- I. To fill up gullies or other inequalities caused by rain, the treading of cattle, &c., upon the bunds of tanks and channels.
- II. To check the growth on bunds of the prickly pear, and any similar rank and pernicious weed.
- III. To clear away such underwood from the bunds of tanks as may be considered by the District Engineer to be injurious.
- IV. To clear out the deposits from tank sluices, and from river and spring channels to such an extent as will afford a sufficient opening for the supply of water to flow to the Ryots' fields.
- V. To clear and repair the earthwork of petty and branch channels, and clear away the accumulations in all channels issuing from tanks which obstruct the flow of water to the fields.
- VI. To keep in order the supplying channels of tanks to such extent as is sanctioned by local custom.
- VII. To watch the bunds of all tanks during rainy weather;—to turf the parts acted on by the waves which appear leaky;—to open and close the calingulahs; and generally to perform minor duties of this nature to prevent breaches and other accidents.
- VIII. To construct ring-dams at breaches, and where requisite to temporarily strengthen the bunds of tanks during the season of cultivation. And, in general, by that constant care and attention which residents on the spot can alone exercise, to preserve the works of irrigation, in which they and the Government have a common interest, from those small injuries which, if unchecked, will lead to serious loss and expense.

DUTY OF VILLAGE AUTHORITIES.

26. It shall be the duty of all village authorities to hinder the Ryots of their respective villages from doing any thing which may tend to endanger an irrigation work; such, for instance, as throwing up a bund in front of the calingulah, to keep the water at a high level, making temporary cuts in the bunds of tanks, or introducing pot sluices into them. The village authorities will be held responsible for any damage occasioned by their neglect of this rule.

27. It shall be the duty of the village authorities to see that the ordinary articles of consumption are supplied to members of the Public Works Department, without delay, at fair market prices.

Village authorities to prevent any proceedings which may tend to endanger an irrigation work.

Village authorities to see that members of the Department Public Works are supplied with all ordinary articles of consumption.

Referred to the
Revenue Department

Charles A. M. Col. R. E.
Sent to Gov. P. H. R.

Chapman
5: Jan 4/65.

~~Rev~~ 1865 Dep't

From N: H 14.
The Supt. Engineer
4th Division

To The Secretary of War
D. O. W.

Dated 31st December
New York Jan 4/65

E. O. No 5033
P. M. 1861/65

Submits for sanction
Plans for the W. 13700
for the construction
of a Wooden Lattice
Bridge across Cochran
Canal to connect the
old & new Lat. Plat.
Forms.

Per 8th May/65 B. H. 164.

24:5 Jan 4/65-82

66

*Proceedings of the Madras Government, Revenue Department,
3rd May 1865.*

No. 30. Read the following Official Memorandum from Colonel A. J. M. BOILEAU, R. E., Superintending Engineer, 4th Division, to J. D. SIM, Esq., Secretary to Government, Revenue Department, dated Madras, 25th April 1865, No. 6,663. :—

SIR,

1 Letter from Collector of Madras, No. 105, dated 21st March 1865.
1 Estimate.
3 Plans.

1. With reference to Memorandum No. 76, dated 22nd April 1865, the Superintending Engineer has the honor to re-forward herewith the Plans and Estimate

for the proposed bridge over Cochrane's Canal.

4. The Collector's counter-signature is withheld, because he prefers, as the Superintending Engineer does, an Iron bridge, to prepare a Plan and Estimate for which authority is requested.

No. 31. ORDER THEREON, 3rd May 1865, No. 900.

Miscellaneous.

Referred to the Public Works Department for a Plan and Estimate of an Iron bridge proposed to be constructed over Cochrane's Canal.

(True Extract.)

F. Brandt.
A. L. Day Secretary to Government.

To the Public Works Department. *Southey*

Exd. S. T. Augustin.

J. P. 1853 Department
No. of Genl. for. lly
of 1861

Pro: of the Illinois Genl.
in the Genl. of lly.

to P. 3 of lly 1853

to P. 3 of lly 1853

Genl. of lly 1853.

to asking for a
them our estimate
for our own lly
our lly and lly
to come to lly
the old lly
lly 1853.

to 12116-8-11 May 1865

Civil Works

to 12116

Communicated to the

Representing Regimes & Division
will be requested to submit
the plan & estimate required

March 1865 }
to 12116-8-11 May 1865 }

to 12116-8-11 May 1865

to the Department of lly

to the Division of lly

to 12116-8-11 May 1865

to 12116-8-11 May 1865